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192598



10/29/18

Date: _____

Initial:

jh

Site Name: Continental Can Company
CERCLIS ID No.: NJD002521425
Street Address: 297 Getty Avenue
City/State/Zip: Paterson, NJ 07503

Investigator: Polly Armour
Agency/Organization: EBASCO/Wehran
Street Address: 666 E. Main Street
City/State: Middletown, NY

Date: 09/09/92

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WASTE CHARACTERISTICS

Waste Characteristics (WC) Calculations:

** Only First WC Page Is Printed ** | Waste Characteristics Score: WC = 0

Ground Water Pathway Criteria List
Suspected Release

Are sources poorly contained? (y/n/u)	N
Is the source a type likely to contribute to ground water contamination (e.g., wet lagoon)? (y/n/u)	Y
Is waste quantity particularly large? (y/n/u)	N
Is precipitation heavy? (y/n/u)	N
Is the infiltration rate high? (y/n/u)	N
Is the site located in an area of karst terrain? (y/n)	N
Is the subsurface highly permeable or conductive? (y/n/u)	N
Is drinking water drawn from a shallow aquifer? (y/n/u)	Y
Are suspected contaminants highly mobile in ground water? (y/n/u)	Y
Does analytical or circumstantial evidence suggest ground water contamination? (y/n/u)	Y
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) Y

Summarize the rationale for Suspected Release:

There is an observed release of contaminants to groundwater. Monitoring wells adjacent and downgradient of USTs formerly used for storage of gasoline have shown concentrations of BTEX significantly higher than background; however, petroleum products are exempt from CERCLA/SARA and will not be considered "wastes" for the purposes of scoring. Other waste sources (SWMUs) have been removed, and no wastes are present in them.

Ground Water Pathway Criteria List
Primary Targets

Is any drinking water well nearby? (y/n/u)	N
Has any nearby drinking water well been closed? (y/n/u)	N
Has any nearby drinking water well user reported foul-testing or foul-smelling water? (y/n/u)	N
Does any nearby well have a large drawdown/high production rate? (y/n/u)	N
Is any drinking water well located between the site and other wells that are suspected to be exposed to a hazardous substance? (y/n/u)	N
Does analytical or circumstantial evidence suggest contamination at a drinking water well? (y/n/u)	N
Does any drinking water well warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N

PRIMARY TARGET(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Targets:

The nearest drinking water well is 3/4 mile southwest of the site. Groundwater flow is towards the east. This well is not suspected to be impacted by the site.

GROUND WATER PATHWAY SCORESHEETS

Pathway Characteristics

			Ref.
Do you suspect a release? (y/n)	Yes		
Is the site located in karst terrain? (y/n)	No		10
Depth to aquifer (feet):	15		8,9
Distance to the nearest drinking water well (feet):	3960		12
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	550		
2. NO SUSPECTED RELEASE		0	
LR =	550	0	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION Are any wells part of a blended system? (y/n) Y	813	0	
5. NEAREST WELL	9	0	
6. WELLHEAD PROTECTION AREA None within 4 Miles	0	0	
7. RESOURCES	5	0	
T =	827	0	

WASTE CHARACTERISTICS

WC =	0	0
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GROUND WATER PATHWAY SCORE:

0

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Ground Water Target Populations

Primary Target Population Drinking Water Well ID	Dist. (miles)	Population Served	Reference	Value
None				
*** Note : Maximum of 5 Wells Are Printed ***			Total	

Secondary Target Population Distance Categories	Population Served	Reference	Value
0 to 1/4 mile	0	12,13	0
Greater than 1/4 to 1/2 mile	0	12,13	0
Greater than 1/2 to 1 mile	14	12,13	1
Greater than 1 to 2 miles	159	12,13	3
Greater than 2 to 3 miles	34002	12,13	678
Greater than 3 to 4 miles	22891	12,13	131
		Total	813

Apportionment Documentation for a Blended System

Boro of Hawthorne: 21 wells serve 18000 persons, therefore 18000 persons/21 wells = 857 persons/well. 4 wells within 2-3 miles, therefore $4 * 857 = 3428$ persons apportioned to 2-3 miles. 9 wells within 3-4 miles, therefore $9 * 857 = 7713$ persons apportioned to 3-4 miles.

Boro of Fairlawn: 15 wells serve 18600, therefore 18600 persons/15 wells = 1240 persons/well. 6 wells within 2-3 miles, therefore $6 * 1240 = 7440$ persons apportioned to 2-3 miles. 8 wells within 3-4 miles, therefore $8 * 1240 = 9920$ persons apportioned to 3-4 miles.

Ref: 14

Surface Water Pathway Criteria List
Suspected Release

Is surface water nearby? (y/n/u)	N
Is waste quantity particularly large? (y/n/u)	N
Is the drainage area large? (y/n/u)	N
Is rainfall heavy? (y/n/u)	N
Is the infiltration rate low? (y/n/u)	Y
Are sources poorly contained or prone to runoff or flooding? (y/n/u)	N
Is a runoff route well defined(e.g.ditch/channel to surf.water)? (y/n/u)	N
Is vegetation stressed along the probable runoff path? (y/n/u)	N
Are sediments or water unnaturally discolored? (y/n/u)	N
Is wildlife unnaturally absent? (y/n/u)	N
Has deposition of waste into surface water been observed? (y/n/u)	N
Is ground water discharge to surface water likely? (y/n/u)	Y
Does analytical/circumstantial evidence suggest S.W. contam? (y/n/u)	N
<hr/>	
Other criteria? (y/n)	N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

The surface water runoff pathway is not well defined. The site is in an urban area, and all runoff is directed to storm drains, which most likely discharge to the Passaic River, 1.2 miles from the site.

Surface Water Pathway Criteria List
Primary Targets

Is any target nearby? (y/n/u) If yes: Y
 N Drinking water intake
 Y Fishery
 Y Sensitive environment

Has any intake, fishery, or recreational area been closed? (y/n/u) N

Does analytical or circumstantial evidence suggest surface water
contamination at or downstream of a target? (y/n/u) N

Does any target warrant sampling? (y/n/u) If yes: N
 N Drinking water intake
 N Fishery
 N Sensitive environment

Other criteria? (y/n) N

PRIMARY INTAKE(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Intakes:

There are no intakes within the 15 mile distance limit

Ref: 20
continued -----

continued ----------
Other criteria? (y/n) N-----
PRIMARY FISHERY(IES) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Fisheries:

Fisheries present within the 15-mile distance limit include the Passaic River. Due to the distance from the site, and the lack of wastes present on site, this fishery is not suspected to be impacted by the site.

Ref: 1, 21

Other criteria? (y/n) N-----
PRIMARY SENSITIVE ENVIRONMENT(S) IDENTIFIED? (y/n) N

Summarize the rationale for Primary Sensitive Environments:

Sensitive environments downstream of the site are not suspected to be impacted by the site.

Ref: 1, 21, 22, 23, 24, 25

SURFACE WATER PATHWAY SCORESHEETS

Pathway Characteristics

			Ref.
Do you suspect a release? (y/n)			No
Distance to surface water (feet):			6336
Flood frequency (years):			>500
What is the downstream distance (miles) to:			
a. the nearest drinking water intake?			N.A.
b. the nearest fishery?			1.2
c. the nearest sensitive environment?			1.2
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		100	
LR =	0	100	

Drinking Water Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
3. Determine the water body type, flow (if applicable), and number of people served by each drinking water intake.			
4. PRIMARY TARGET POPULATION 0 person(s)	0		
5. SECONDARY TARGET POPULATION Are any intakes part of a blended system? (y/n): N	0	0	
6. NEAREST INTAKE	0	0	
7. RESOURCES	0	5	
T =	0	5	

Drinking Water Threat Target Populations

Intake Name	Primary (y/n)	Water Body Type/Flow	Population Served	Ref.	Value
None					
Total Primary Target Population Value					0
Total Secondary Target Population Value					0

*** Note : Maximum of 6 Intakes Are Printed ***

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Apportionment Documentation for a Blended System

Not applicable. There are no drinking water intakes within 15 miles.

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Human Food Chain Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
8. Determine the water body type and flow for each fishery within the target limit.			
9. PRIMARY FISHERIES	0		
10. SECONDARY FISHERIES	0	12	
T =	0	12	

Human Food Chain Threat Targets

Fishery Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Passaic River (Upper)	N	>1000-10000 cfs	21	12
2 Passaic River (Lower)	N	>1000-10000 cfs	21	12
Total Primary Fisheries Value				0
Total Secondary Fisheries Value				0

*** Note : Maximum of 6 Fisheries Are Printed ***

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Environmental Threat Targets

TARGETS	Suspected Release	No Suspected Release	References
11. Determine the water body type and flow (if applicable) for each sensitive environment.			
12. PRIMARY SENSITIVE ENVIRONMENTS	0		
13. SECONDARY SENSITIVE ENVIRONS.	0	10	
T =	0	10	

Environmental Threat Targets

Sensitive Environment Name	Primary (y/n)	Water Body Type/Flow	Ref.	Value
1 Passaic Rver (Upper)	N	>1000-10000 cfs	21	0
2 Passaic River (Lower)	N	>1000-10000 cfs	21	0
3 Wetlands	N	>1000-10000 cfs	21	0
Total Primary Sensitive Environments Value				0
Total Secondary Sensitive Environments Value				0
*** Note: Maximum of 6 Sensitive Environments Are Printed ***				

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Surface Water Pathway Threat Scores

Threat	Likelihood of Release(LR) Score	Targets (T) Score	Pathway Waste Characteristics (WC) Score	Threat Score LR x T x WC / 82,500
Drinking Water	100	5	0	0
Human Food Chain	100	12	0	0
Environmental	100	10	0	0
SURFACE WATER PATHWAY SCORE:				0

Soil Exposure Pathway Criteria List
Resident Population

Is any residence, school, or daycare facility on or within 200 feet of an area of suspected contamination? (y/n/u)	N
Is any residence, school, or daycare facility located on adjacent land previously owned or leased by the site owner/operator? (y/n/u)	N
Is there a migration route that might spread hazardous substances near residences, schools, or daycare facilities? (y/n/u)	N
Have onsite or adjacent residents or students reported adverse health effects, exclusive of apparent drinking water or air contamination problems? (y/n/u)	N
Does any neighboring property warrant sampling? (y/n/u)	N
Other criteria? (y/n)	N

RESIDENT POPULATION IDENTIFIED? (y/n) N

Summarize the rationale for Resident Population:

No residents are present within 200 feet of soil contamination.

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SOIL EXPOSURE PATHWAY SCORESHEETS

Pathway Characteristics

		Ref.
Do any people live on or within 200 ft of areas of suspected contamination? (y/n)	No	1
Do any people attend school or daycare on or within 200 ft of areas of suspected contamination? (y/n)	No	1
Is the facility active? (y/n):	Yes	1

LIKELIHOOD OF EXPOSURE	Suspected Contamination	References
1. SUSPECTED CONTAMINATION LE =	550	

Targets

2. RESIDENT POPULATION 0 resident(s) 0 school/daycare student(s)	0	1 1
3. RESIDENT INDIVIDUAL	0	
4. WORKERS 101 - 1000	10	1
5. TERRES. SENSITIVE ENVIRONMENTS	0	
6. RESOURCES	5	
T =	15	

WASTE CHARACTERISTICS

WC = 0

RESIDENT POPULATION THREAT SCORE:

0

NEARBY POPULATION THREAT SCORE:

2

Population Within 1 Mile: 10,001 - 50,000

SOIL EXPOSURE PATHWAY SCORE:

2

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Soil Exposure Pathway Terrestrial Sensitive Environments

Terrestrial Sensitive Environment Name	Reference	Value
None		
Total Terrestrial Sensitive Environments Value		
*** Note : Maximum of 7 Sensitive Environments Are Printed ***		

Air Pathway Criteria List
Suspected Release

Are odors currently reported? (y/n/u) N

Has release of a hazardous substance to the air
been directly observed? (y/n/u) N

Are there reports of adverse health effects (e.g., headaches,
nausea, dizziness) potentially resulting from migration
of hazardous substances through the air? (y/n/u) N

Does analytical/circumstantial evidence suggest release to air? (y/n/u) N

Other criteria? (y/n) N

SUSPECTED RELEASE? (y/n) N

Summarize the rationale for Suspected Release:

No OVM or O2/LEL readings above background were obtained during the July 1992 site reconnaissance, nor is any historical contamination present which might emit contaminants to air.

Ref: 1, 26

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AIR PATHWAY SCORESHEETS

Pathway Characteristics

			Ref.
Do you suspect a release? (y/n)			No
Distance to the nearest individual (feet):			100
LIKELIHOOD OF RELEASE	Suspected Release	No Suspected Release	References
1. SUSPECTED RELEASE	0		
2. NO SUSPECTED RELEASE		500	
LR =	0	500	

Targets

TARGETS	Suspected Release	No Suspected Release	References
3. PRIMARY TARGET POPULATION 0 person(s)	0		
4. SECONDARY TARGET POPULATION	0	256	
5. NEAREST INDIVIDUAL	0	20	
6. PRIMARY SENSITIVE ENVIRONS.	0		
7. SECONDARY SENSITIVE ENVIRONS.	0	0	
8. RESOURCES	0	5	
T =	0	281	

WASTE CHARACTERISTICS

WC = 0 0

AIR PATHWAY SCORE:

0

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Air Pathway Secondary Target Populations

Distance Categories	Population	References	Value
Onsite	180	1	16
Greater than 0 to 1/4 mile	1379	27	41
Greater than 1/4 to 1/2 mile	9237	27	28
Greater than 1/2 to 1 mile	30100	27	83
Greater than 1 to 2 miles	98857	27	27
Greater than 2 to 3 miles	143703	27	38
Greater than 3 to 4 miles	123994	27	23
Total Secondary Population Value			256

Air Pathway Primary Sensitive Environments

Sensitive Environment Name	Reference	Value
None		
Total Primary Sensitive Environments Value		

*** Note : Maximum of 7 Sensitive Environments Are Printed***

Air Pathway Secondary Sensitive Environments

Sensitive Environment Name	Distance	Reference	Value
None			
Total Secondary Sensitive Environments Value			

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SITE SCORE CALCULATION	SCORE
GROUND WATER PATHWAY SCORE:	0
SURFACE WATER PATHWAY SCORE:	0
SOIL EXPOSURE PATHWAY SCORE:	2
AIR PATHWAY SCORE:	0
SITE SCORE:	1

SUMMARY

1. Is there a high possibility of a threat to any nearby drinking water well(s) by migration of a hazardous substance in ground water? No

If yes, identify the well(s).

If yes, how many people are served by the threatened well(s)? 0

2. Is there a high possibility of a threat to any of the following by hazardous substance migration in surface water?

A. Drinking water intake

No

B. Fishery

No

C. Sensitive environment (wetland, critical habitat, others)

No

If yes, identity the target(s).

3. Is there a high possibility of an area of surficial contamination within 200 feet of any residence, school, or daycare facility? No

If yes, identify the properties and estimate the associated population(s)

4. Are there public health concerns at this site that are not addressed by PA scoring considerations? No

If yes, explain:

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REFERENCE LIST